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Date: May 28, 2004

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<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/624,714	
	Filing Date	July 21, 2003	
	First Named Inventor	Paul S. Keim et al	
	Group Art Unit	1645	
	Examiner Name	R. Swartz	
Total Number of Pages in This Submission	2	Attorney Docket Number	112624.00085 ORD

ENCLOSURES <i>(check all that apply)</i>		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>
Remarks Response under 37 C.F.R. § 1.142		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Barbara J. Luther, Reg. No. 33,954, QUARLES & BRADY STREICH LANG LLP
Signature	<i>Barbara J. Luther</i>
Date	May 28, 2004

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office to facsimile number (703) 872-9306 on the date shown below.		
Typed or printed name	Paula N. Huffman	Date
Signature	<i>Paula N. Huffman</i>	May 28, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## IN THE UNITED STATES PATENT OFFICE

Application of: Paul S. Keim et al. : Group Art Unit: 1645  
Serial No.: 10/624,714 : Examiner: Rodney P. Swartz  
Filed: 07-21-2003 : Docket No.: 112624.00085 ORD  
For: High Resolution Typing System for Pathogenic Mycobacterium  
Tuberculosis

Commissioner for Patents  
P.O. Box 1450  
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Response under 37 C.F.R. §1.142

Dear Examiner:

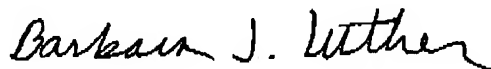
Pursuant to the Office Action mailed on April 30, 2004, this Office Action is being filed on May 28, 2004, which is within the one month time limit.

Applicants have agreed to elect claims 1-10, drawn to nucleic acid and classified in class 536, subclass 24.32. This election is made without traverse. Claims 11-77 are herewith withdrawn.

While it is believed that no fee is due, if a fee is determined to be required, the Office is hereby authorized to debit patent account 17-0055. If a telephone call would help to resolve any matters, the Examiner is cordially invited to telephone the undersigned.

Respectfully yours,

Quarles & Brady Streich Lang LLP



Barbara J. Luther, Reg. No. 33,954

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